ANNUAL PROGRESS REPORT

April 2013 to March 2014

Contents

Instructions for Filling the Format

1. **Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required.**
2. **Do not merge columns, rows.**
3. **Please repeat the name of KVK in each table in the column "Name of KVK"**
4. **Do not fill the non-numerical values in numeric field**
5. **Do not repeat the unit while reporting data as it is already mentioned in the heading row**
6. **Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit**
7. **Please mention only standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)**
8. **Additional relevant information may be provided at the end of Format by creating heading "Additional Information"**
9. **Also read the instructions mentioned just below the table**
10. **Your suggestions for improvement in the format for your simplicity as well as data compilation may be given at the end of the format**
11. **Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.**
12. **Gray color cells in summary table need not to be filled.**
13. **Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Rice (not use Paddy), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Horse gram, Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).**
    Vegetable :- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Ladies finger).
    Fruits :- Mango, Guava, Custard apple, Pear etc.
    Spices :- Black Peeper, Turmeric, Ginger, Cardamom etc.

REPORTING PERIOD – April 2013 to March 2014

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2013-14

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	**On Farm Testing**			
	Proposed OFT	**16**	208	
	On Going OFT	**01**	13	
	Technologies assessed (Completed OFT)	**16**	208	
	Technologies refined	**--**	--	
	On farm trials conducted	**16**	208	
2	**Frontline demonstrations**			
	Proposed Frontline demonstrations	21	195	
	On Going Frontline demonstrations	00	00	
	FLDs conducted on crops	20	145	
	Area under crops (ha.)	34.4	145	
	FLD on farm implement and tools	--	--	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	--	--	
	FLD on Fisheries - Finger lings	--	--	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	01	50	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	--	--	
3	**Training programmes**	**No. of Course**	**Duration (days)**	**Participants**
	Farmers	68	72	1700
	Farm women	--	--	
	Rural youth	12	24	180
	Extension personnel/ In service	15	30	150
	Vocational trainings	--	--	--
	Sponsored Training	02	10	50
	Total	97	136	2080
		No. of programmes	**Participants**	
4	**Extension Programmes**	680	4788	
5	**Production of technology inputs etc**	**Qty**	**Beneficiaries (nos.)**	
	Seed (qt.)	232.4		
	Planting material produced (nos.)	79410	240	
6	**Livestock**	**Qty**	**Beneficiaries (nos.)**	

	Livestock strains (Nos)		
	Milk Yield - Cow, Buffelo etc. (in liter)		
	Fish (Kg.)		
	Fingerlings (nos.)	4.0 lakh	5
	Poultry-Eggs (nos.)		
	Ducks (nos.)		
	Chicks etc. (nos.)	352	30
7	**Bio Products**	**Qty**	**Beneficiaries (nos.)**
	Bio Agents -Earth worm (Kg.)	25 kg	20
	Trichoderma (kg.)		
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	**Vermicompost 30.6q**	30
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)		
8	**Any other significant achievement in the Zone**	**Nos.**	**Participants/ beneficiaries**
	Award (Best KVK award and scientist and farmer's award)	02	--
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	07	--
	KVK News letter	03	--
	SAC Meetings conducted	01	45
	Soil sample tested	751	655
	Water sample tested	13	13
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	--	--
	KVK-KMA (Message and beneficiaries)	85	1026
	Convergence programmes	01	--
	Sponsored programmes	02	50
	KVK Progressive Farmers interaction	02	50
	No. of Technology Week Celebrations	01	250
	Attended HRD activities organized by ZPD	03	03
	Attended HRD activities organized by DES	09	09
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	03	03
9	Current status of Revolving Funds (Amt. in Rs.)		
10		**No. of blocks**	**No. of villages**
	Outreach of KVK in the District	12	250
11		**ICAR**	**SAU** / **Others**
	No. of important visitors to KVK (nos.)	01	05 / 02
12		**Working (Yes/No)**	**No. of Update**
	Status of KVK Website	No	03

13		**Application received**	**Application disposed**
	Status of RTI (nos.)	01	01
14		**Query received**	**Query dissolved**
	Citizen Charter (nos.)	--	--
15		**Working (Yes/No)**	**No. of programme viewed**
	E-connectivity	No	--
16		**Filled**	**Vacant**
	Staff Position	12	4
17	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	03	
18	Publication received from ICAR /other organization (nos.)	02	
19		**Particulars**	**Organization**
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)		

GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on March, 2014

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Kalahandi	16	1	1	6	6	3	2	6	3	16	12

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./ Temp.	Category
X0060	Programme Coordinator	Dr. Ranjan Kumar Tarai	Horticulture	Ph.D.	Fruits and Orchard Management	15,600-39,100 with AGP-8000/-	16,310	05.09.12	Permanent	Others
Kalahandi	Subject Matter Specialist1	Gyanaranjan Sahoo	Forestry	M.Sc. (Forestry)	Forestry	15,600-39,100 with AGP-6000/-	18,320	19.09.09	Permanent	Others
Kalahandi	Subject Matter Specialist2	Madhumita Jena	Extension	M.Sc. (Ag.)	Ag. Extension	15,600-39,100 with AGP-6000/-	17,610	08.04.10	Permanent	Others
Kalahandi	Subject Matter Specialist3	Ganesh Prasad	Crop Production	M.Sc. (Ag.)	Pulses	15,600-39,100 with AGP-6000/-	17,610	29.03.11	Permanent	Others
Kalahandi	Subject Matter Specialist4	Tulasi Majhi	Horticulture	M.Sc. (Ag.)	Post-harvest management	15,600-39,100 with AGP-6000/-	16,250	22.05.12	Permanent	ST
Kalahandi	Subject Matter Specialist5	Tapan Kumar Das	Plant protection	M.Sc (Ag)	Entomology	15,600-39,100 with AGP-6000/-	17,610	10.02.14	Permanent	Others

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./ Temp.	Category
Kalahandi	Subject Matter Specialist6	Lata Malik	Soil Science	M.Sc. (Ag.)	Soil Science/Soil fertility/Microbiology	15,600-39,100 with AGP-6000/-	18,320	05.05.06	Permanent	SC
Kalahandi	Programme Assistant	Vacant	-	-	-	-	-	-	-	-
Kalahandi	Farm Manager	Priyadarsini Swain	Plant Breeding & genetics	M.Sc. (Ag.)	Plant Breeding and Genetics	9,300-34,800	9,710	09.04.12	Permanent	Other
Kalahandi	Computer Programmer	Dillip Kumar Barik	Computer Science	B.com	TALLY	9,300-34,800	9,710	04.12.12	Permanent	Others
Kalahandi	Accountant / superintendent	Kailash Chandra Mishra	Section Officer	B.A.	--	9,300-34,800	15,300	01.02.14	Permanent	Others
Kalahandi	Stenographer	Vacant	-	-	-	-	-	-	-	-
Kalahandi	Driver	Keshab Chandra Sa	-	Matric	-	5,200-20,200	6,110	19.07.08	Permanent	OBC
Kalahandi	Driver	Vacant	-	-	-	-	-	-	-	-
Kalahandi	Supporting staff	Bhuta Naik		Class V		2,550-20,200	5,180	26.07.08	Permanent	SC
Kalahandi	Supporting staff	-	-	-	-	-	-	-	-	-

1.2. DISTRICT PROFILE (detail of geographical area, cultivation, Land, resources, opportunities, irrigation, populations etc.)–

KVK Name	Agro-climatic zone	No . of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Kalahandi	Western undulating	13	273	1335494	45.94%	618592	162087	0.29 ha

1.3. DETAILS OF ADOPTED VILLAGE during the reporting period (Approved by competent Authority in meetings/workshops)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Kalahandi	Dumal	2012	Bhawanipatna	10	800	150

Kalahandi	Goudtola	2012	Kesinga	35	450	80
Kalahandi	Dahal	2009	Narla	40	150	40
Kalahandi	Purunaguma	2008	Th. Rampur	45	200	35
Kalahandi	Kendupati	2008	Junagarh	40	500	28

1.4. THRUST AREAS identified by KVK (Approved by competent Authority in meetings/workshop)

KVK Name	THRUST AREA
Kalahandi	Crop substitution replacing mono cropping of paddy particularly in upland
Kalahandi	IPM strategies for paddy, cotton and vegetables
Kalahandi	Integrated crop management practices for vegetables
Kalahandi	Weed management
Kalahandi	Popularization of wilt resistant varieties of tomato and brinjal
Kalahandi	Introduction of low cost improved agricultural implements for small and marginal farmers
Kalahandi	Backyard poultry and duckery for income generation
Kalahandi	Development of integrated fish farming with livestock and agriculture
Kalahandi	Development of integrated fish farming with livestock and agriculture
Kalahandi	Entrepreneurship development
Kalahandi	Drudgery reduction in women
Kalahandi	Soil test based fertilizer application for sustainable yield

1.4. PROBLEM IDENTIFIED by KVK (Approved by competent Authority in meetings/workshop)

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Kalahandi	Low yield of paddy in upland and under monoculture cropping pattern	PRA, Group Discussion and Response Analysis	Kendupati, Junagarh
Kalahandi	Low profit from cultivation of traditional old rice varieties susceptible to pest and diseases	Group Discussion and Response Analysis	Kendupati, Junagarh
Kalahandi	Heavy weed infestation, imbalance nutrition and improper management of soil health	Group Discussion and village survey	Dahal, Narla
Kalahandi	High incidence of insect pest results in poor yield of different crops	Group Discussion and Response Analysis	Dahal, Narla
Kalahandi	Low yield in cotton owing to heavy infestation of bollworms & sucking pest and improper crop management practices.	Focused group Discussion and Response Analysis	Dumal,Bhawanipatna
Kalahandi	Low profit from imbalance fertilizer application without soil testing	Group Discussion and Response Analysis	Dumal,Bhawanipatna
Kalahandi	Bacterial and fungal wilt in solanaceous vegetables.	Group Discussion and Response	Dumal,Bhawanipatna

		Analysis	
Kalahandi	Low profit from traditional variety of vegetable cultivation	Diagnostic field visit, Group Discussion and Response Analysis	Goudtola,Kesinga
Kalahandi	Non utilization of dried out reservoir/ river bed	Focused group Discussion and Response Analysis	Kendupati, Junagarh
Kalahandi	Wastage of paddy straw and cotton stubbles in the field.	Group Discussion and Response Analysis	Goudtola,Kesinga
Kalahandi	Broadcasting of sunflower in pulses with poor nutrient management leading to low yield.	Diagnostic field visit, Group Discussion and Response Analysis	Goudtola,Kesinga
Kalahandi	Poor egg laying capacity and high mortality of indigenous poultry bird.	Group Discussion and Response Analysis	Purunaguma, Th.Rampur
Kalahandi	No value addition of surplus farm produce	Focused group Discussion and Response Analysis	Purunaguma, Th.Rampur
Kalahandi	Indiscriminate use of pesticides and chemical fertilizers in cereals and vegetable.	Group Discussion and Response Analysis	Goudtola,Kesinga
Kalahandi	Inadequate pre and post stocking management with improper size and species combination.	Group Discussion and Response Analysis	Kendupati, Junagarh
Kalahandi	Lack of awareness of harvesting of paddy straw for mushroom cultivation.	Group Discussion and Response Analysis	Dumal,Bhawanipatna
Kalahandi	Malnutrition and drudgery of the people.	PRA, Group Discussion and Response Analysis	Kendupati, Junagarh
Kalahandi	Cultivation of local maize varieties results low production	PRA, Group Discussion and Response Analysis	Dahal, Narla
Kalahandi	Improper crop management practices and use of local cultivars causes low yield in sunflower	Diagnostic field visit, Focused group Discussion and Response Analysis	Dahal, Narla
Kalahandi	Unavailability of FYM/ organic inputs	Group Discussion and Response Analysis	Goudtola,Kesinga
Kalahandi	Indiscriminate use of pesticides enhances cost and resulting in residue problem.	Diagnostic field visit, Group Discussion and Response Analysis	Dumal,Bhawanipatna
Kalahandi	Lack of awareness of harvesting of paddy straw for mushroom cultivation.	Group Discussion and Response Analysis	Dumal,Bhawanipatna
Kalahandi	Cultivation of local maize varieties results low production	PRA and Response Analysis	Dahal,Narla
Kalahandi	Traditional method of production system in mustard and niger	PRA, Group Discussion and Response Analysis	Dahal,Narla
Kalahandi	Improper crop management practices and use of local cultivars causes low yield in sunflower	PRA, Group Discussion and Response Analysis	Dahal,Narla
Kalahandi	Unavailability of FYM/ organic inputs	Village survey, Group Discussion and	Goudtola,Kesinga

		Response Analysis	
Kalahandi	Indiscriminate use of pesticides enhances cost and resulting in residue problem.	Diagnostic field visit, Group Discussion and Response Analysis	Dahal,Narla
Kalahandi	Low yield of pulses(green gram and black gram) and oil seed(sunflower, groundnut) because of non-descript cultivars and traditional package of practices	PRA, Group Discussion and Response Analysis	Goudtola, Kesinga
Kalahandi	Improper utilization of uplands, hilly terrain and undulated land	Group Discussion and Response Analysis	Purunaguma, Th.Rampur

2. On Farm Testing

Note-

*** Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.**

***Crop name should be spelled correct and standard English name should be used i.e Chick pea in place of gram/chana , Paddy in place of Rice/chawal , brinjal in place of egg plant/bhata/baigan etc.**

***Don't press enter key to navigate among column use arrow or tab key**

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2.1 Information about OFT

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Thematic Area	Crop/ enterprise	Farming Situations	No. of trials	Results (q/ha)		Net Returns (Rs./ha)		Recommendations
										FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	
Kalahandi	2013-14	Kharif	Low yield due to local cultivar and susceptible to insect pest	Assessment of Paddy Var. Tejaswini in medium land	**Assessment**	Varietal evaluation	Paddy	Rainfed	13	32.10	41.52	16020	22824	--
Kalahandi	2013-14	Kharif	Replacement of local cultivar due to low yield	Assessment of Maize Var MM-1107 in upland	**Assessment**	Varietal evaluation	Maize	Rainfed	13	18.7	25.3	18050	24950	--
Kalahandi	2014	Rabi	Heavy weed infestation leading to low yield	Assessment of herbicide Oxyfluorfen (0.04kg ai/ ha) in transplanted paddy	**Assessment**	Weed management	Paddy	Irrigated	13	37.85	48.92	16,920	28,704	--
Kalahandi	2014	Rabi	Heavy weed infestation	Assessment of weedicide	**Assessment**	Weed management	Mustard	Rainfed	13	5.7	6.8	16500	21000	--

			leading to low yield and quality	Pendimethalin (1lt ai/ha) in Mustard										
Kalahandi	2014	Rabi	Low yield due to lack of micro nutrient management	Assessment of Cobalt in Groundnut	Assessment	Micro-nutrient management	Ground nut	Rainfed	13	16	21	42,000	58,000	
Kalahandi	2013-14	Kharif	Low yield due to lack of micro nutrient management	Assessment of foliar spray of boron in cotton	**Assessment**	Micro-nutrient management	Cotton	Rainfed	13	18	23	55,750	75,000	--
Kalahandi	2013-14	Kharif	Low yield due to lack of Integrated nutrient management	Assessment of Integrated nutrient management in tomato	**Assessment**	Integrated nutrient management	Tomato	Rainfed	13	160	220	78,000	1,19,000	--
Kalahandi	2014	Rabi	Low yield due to lack of micro-nutrient management	Assessment of sulphur in Mustard	**Assessment**	Nutrient Management	Mustard	Irrigated	13	11.5	18	38,500	68,000	--
Kalahandi	2013-14	Kharif	Low yield and poor crop	Assessment of Tomato Var. Swarna	**Assessment**	Varietal evaluation	Tomato	Irrigated medium land	13	320	770	1,07,000	3,60,000	--

			growth	Sampad										
Kalahandi	2013-14	Kharif	Lack of crop management practices	Assessment of INM in Brinal	**Assessment**	Integrated Nutrient Management	Brinjal	Irrigated Medium land	13	210	280	1,38,000	1,83,000	--
Kalahandi	2014	Rabi	Poor shelf life and low yield of crop	Assessment of Effect of Sulphur on growth & yield of onion	**Assessment**	Micro nutrient management	Onion	Irrigated medium and	13	236	332	99,800	1,60,000	--
Kalahandi	2014	Rabi	Low yield due to Anthracnose, Powdery mildew & Downy Mildew	Assessment of watermelon var. Arka Manika	**Assessment**	Varietal evaluation	Water melon	Irrigated medium land	13	180	220	32,000	40,000	--
Kalahandi	2013-14	Kharif	Interspaces of teak are remain unutilized	Assessment of performance of turmeric as intercrop in the teak plantation	**Assessment**	Varietal evaluative	Turmeric	Rainfed	13	80	110	60,000	93,000	--
Kalahandi	2013-14	Kharif	Fallow and uncultur able lands are available	Assessment of performance of *Bambusa nutans* in western	**Assessment**	Varietal evaluative	Bamboo	Rainfed	13	--	--	--	--	--

				undulating region										
Kalahandi	2013-14	Kharif	Slow growth rate of local Teak stump cuttings	Assessment growth of Budded Teak in block plantation	**Assessment**	Varietal evaluative	Teak	Rainfed	13	--	--	--	--	--
Kalahandi	2014	Rabi	Mono-cropping of Acacia mangium	Assessment of yield of sesamum as intercrop in Acacia mangium plantation	**Assessment**	Intercrop management	Acacia mangium & Sesamum	Irrigated	13	4	5.5	11,000	15,500	--

2.2 Economic Performance

KVK name	OFT Title	Parameters			Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP(T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)
Kalahandi	Assessment of Paddy Var. Tejaswini in medium land	Height (cm) Effective tiller(no/hill) Panicle length(cm)	89.8 13.5 23.2	104.0 17.6 24.1	22,500	27,000		38,520	49,824		16,020	22,824		1.71	1.85	
Kala	Assess	Height (cm)	110.	159.	10,0	13,00		28,050	37,95		18,050	24,950		1.5	2.9	

handi	ment of Maize Var MM-1107 in upland	Cobb weight (gm)	8 196	6 265	00	0			0					5	2	
Kalahandi	Assessment of herbicide Oxyfluorfen(0.04kg ai/ha) in transplanted paddy	Plant height (cm) No. Of panicle/meter square Weed dry weight (gm/m^2) Weed control efficiency (%)	87.4 259.7 174.4 -	101.8 347.0 68.6 60.66	28,500	29,000		45,420	58,704		16,920	29,704		1.59	2.02	
Kalahandi	Assessment of weedicide Pendimethalin (1lt ai/ha) in Mustard	Height (cm) Weeds/square meter(no) No of branch/plant	68.7 198 2.8	73.2 71 3.4	12,000	13,000		28,500	34,000		16,500	21,000		2.37	2.62	
Kalahandi	Assessment of Cobalt in Ground nut	No. Of nodule /plant No.of pod/plant	09 19	24 24	22,000	26,000		64,000	84,000		42,000	58,000		2.9	3.2	
Kalahandi	Assessment of foliar spray of boron	No of boll.	40	62	23,000	25,000		78,750	90,000		55,750	75,000		3.4	3.6	

	in cotton															
Kalahandi	Assessment of Integrated nutrient management in tomato	Plant height (cm) No. of Fruits/plant(No) Yield /plant (Kg) Primary branch/plant	50 35 3.04	69 65 6.25	50,000	65,000		1,28,000	1,84,000		78,000	1,19,000		2.5	2.8	
Kalahandi	Assessment of Sulphur in Mustard	Oil content (%) NO of siliqua/plant	31	40	19,000	22,000		57,500	90,000		38,500	68,000		3.0	4.0	
Kalahandi	Assessment of Tomato Var. Swarna Sampad	- Plant height (cm) No. of Fruits/plant(No) Yield /plant (Kg) Average Fruit weight (Gm) Primary branch/plant	58 43 3.890 4	75 72 5.982 5	85,000	1,02,000		1,92,000	4,62,000		1,07,000	3,60,000		2.2	4.5	
Kalahandi	Assessment of INM in Brinal	No of fruit/plant (No) Average Fruit weight (Gm) Plant Height (Cm)	35 65 63	48 75 78	80,000	97,000		2,10,000	2,80,000		1,30,000	1,83,000		2.6	2.8	
Kalahandi	Assessment of Effect of Sulphur on growth	Bulb wt (gm)- Bulb size (cm)- Shelf life (Days)	43 4.9 145	80 5.5 180	89,000	1,05,000		1,88,880	2,65,600		99,800	1,60,600		2.1	2.5	

	& yield of onion															
Kalahandi	Assessment of watermelon var. Arka Manika	No. of secondary branch Days to harvest (no) Fruit Weight (Kg)	15 120 4.9	18 110 5.8	13,000	15,000		45,000	55,000		32,000	40,000		3.4	3.6	
Kalahandi	Assessment of performance of turmeric as intercrop in the teak plantation	Average Rhizome wt/Culm (gm)	215	270	60,000	72,000		1,20,000	1,65,000		60,000	93,000		2.0	2.29	
Kalahandi	Assessment of performance of *Bambusa nutans* in western undulating region	Height of the new culm (ft)- No. of sprouts No of new leaf	2.6 01 03	3.9 03 08	Continuing											
Kalahandi	Assessment growth of Budded	Avg. Height(cm) Collar diameter(Cm)	35.0.6	499	Continuing											

	Teak in block plantation															
Kalahandi	Assessment of yield of sesamum as intercrop in Acacia mangium plantation	No of siliqua/plant Plant height (Cm) Oil content (%)	43 50 26	65 67 32	9,000	12,000		20,000	37,500		11,000	15,500		2.2	3.1	

2.3 Information about Home Science OFT:

KVK Name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment / Refinement)	Thematic Area	Details of Technology Selected for Assessment	Characteristics of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations

2.4 Economic Performance Home Science OFT:

KVK name	OFT Title	Performance Indicator / Parameter											
		Output m2/h	Est. Energy Expenditure kj/min.	WHR beat/min	% reduction in drudgery	% increase in efficiency	Production per unit	Cost of input	Incremental income	Yield(Kg/ha)	Net Return	Saving in Rs	BC ratio

		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T 1	T 2	T1	T2	T1	T2	T 1	T 2		

2.5 Feedback from KVK to Research System

Name of KVK	Feedback
Kalahandi	Abrupt growth of weed hamper crop yield. Now a days weedicide is massively used by the farmers to control the weed growth. Thus research can be conducted to check the effectiveness of different weedicide against specific crops.
Kalahandi	Vegetables are perishable in nature so farmer faces a heavy loss in Tomato (thin skin) during transportation. So varietal assessment on Tomato (Thick skin) to be done
Kalahandi	Generally in forest plantation Inter space are often unutilised. To utilise the space recommendation to be made on suitable intercrop in forest plantation.

3. Achievements of Frontline Demonstrations

3.1. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated and popularized during previous years and recommended for large scale adoption in the district

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
Kalahandi	Paddy	Varietal evaluation	Performance of High yielding variety paddy 'Swarna sub-1' under flash flood situation	HYV Paddy 'swarna sub-1' cam withstand water lodging upto17 days without effecting yield.	100	5000	3000
Kalahandi	Sunhemp	Soil fertility management	Green mannuring in cotton with sun hemp	Green mannuring with sunhemp 15 kg / ha (sowing in inter row space with cotton and soil incorporation at 21 DAS) NPK 150:60:60	60	5000	500
Kalahandi	Black gram	Integrated nutrient management	Integrated nutrient management in Black gram	Application of Rhizobium 20 gm /kg seed as seed treatment,application of PSB 5 Kg / ha at final land	50	1000	80

				preparation , Soil test based fertiliser dose 25:50:20 NPK Kg /ha PMS =5 Q /ha			
Kalahandi	Vermicompost	Production of organic inputs	Production of Vermicompost	With 2 inch fresh cowdung layer between farm byproducts/ garbage layer 8 inch wetted with fresh cow dung slurry and innoculation of Eisenea foetida 1 Kg / cft after 21 days produces vermicompost after 13 weeks .	100	5000	500
Kalahandi	Varietal evaluation	Brinjal	Introduction of HYV Brinjal Var. Utkal Tarini	HYV Brinjal Var. Utkal Tarini	30	300	30
Kalahandi	Varietal evaluation	Chilli	Performance of Chilli Var. Utkal Rashmi	Chilli Var. utkal rashmi	30	300	30
Kalahandi	Production Technology	Rangini lac	Performance of Rangini Lac in Palas trees	Performance of Rangini Lac in Palas trees	10	80	500

Note-

*** Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.**

***Crop name should be spelled correct and standard English name should be i.e Chick pea in place of gram, Paddy in place of Rice , brinjal in place of egg plant etc.**

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3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Entrepri zes	Crop-Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T_1)	RP (T_2)		SC	ST	Others	General	Total

Kalahandi	2013-14	Kharif	Varietal evaluation	Demonstration of HY Ragi Var. Bhairabi in unbunded upland	Ragi	HY Ragi Var. Bhairabi	0.4	15.69	21.31	35.82	-	-	-	5	5
Kalahandi	2013-14	Kharif	Varietal evaluation	Performance of HY Paddy Var. Ranidhan in medium land	Paddy	HY Paddy Var. Ranidhan	0.4	31.72	41.19	29.85	-	-	-	5	5
Kalahandi	2013-14	Kharif	Intercrop management	Demonstration on intercropping of maize with cowpea	Maize & Cowpea	To maintain soil health and to obtain optimum yield.	0.4	25.0	12.0 25.0 (Maize & Cowpea)	-	1	2	-	2	5
Kalahandi	2014	Rabi	Varietal evaluation	Performance of Toria Var. Parvati in upland.	Toria	Toria Var. Parvati	0.4	5.15	7.30	41.75	1	-	3	1	5
Kalahandi	2013-14	Kharif	Integrated Nutrient management	Demonstration on Leaf Colour Chart in Kharif rice	Paddy	Integrated Nutrient management in Kharif rice	0.4	30	38	26.6	1	1	1	2	5
Kalahandi	2013-14	Kharif	Micro-nutrient management	Demonstration of Mg in cotton	Cotton	Demonstration of Mg in cotton	0.4	16	20.5	28.1	--	2	2	1	5
Kalahandi	2013-14	Kharif	Production of organic inputs	Demonstration on production of Earthworms	Earthworm	production of Earthworms	--	3.5	6	71.4	2	1	2	--	5

Kalahandi	2014	Rabi	Nutrient Management	Demonstration on gypsum application in sunflower	Sunflower	gypsum application in sunflower	0.4	15	18	20	2	2	--	1	5
Kalahandi	2013-14	Kharif	Varietal evaluation	Demonstration on Yam var. Orissa Elite	Yam	Yam var. Orissa Elite	0.4	180	230	27.7	--	3	--	2	5
Kalahandi	2013-14	Kharif	Sucker management	Demonstration on effective management of suckers in tissue culture Banana Var-G9	Banana	effective management of suckers in tissue culture Banana Var- G9	0.4	358	400	11.7	--	--	--	5	5
Kalahandi	2013-14	Kharif	Varietal evaluation	Demonstration on marigold production round the year from unit area	Marigold	Marigold	0.4	53	80	50.9	1	2	2	-	5
Kalahandi	2014	Rabi	Varietal evaluation	Demonstration of Onion var. Bhima Shakti	Onion	Onion var. Bhima Shakti	0.4	265	350	32.07	--	--	4	1	5
Kalahandi	2013-14	Kharif	Production management	Demonstration of Rangini Lac in Palas trees	Rangini lac	Rangini lac	10 trees	7 Kgs	--	--	01	--	04	--	05

Kalahandi	2013-14	Kharif	Production management	Demonstration of Bamboo (*Bambusa vulgaris*) Plantation through binodal culm cutting method	Bamboo	Bamboo binodal culm cutting method	250 no sapling	Result awaited			--	--	05	--	05
Kalahandi	2014	Rabi	Production management	Kusumi Lac culture in Baer trees	Kusumi lac	Kusumi lac	10 trees	--	--	--	02	01	02	--	05
Kalahandi	2014	Rabi	Intercrop management	Demonstration of stylo grass as intercrop in Acacia mangium plantation (silvi-pasto model)	Stylo grass	Stylo grass as intercrop in Acacia mangium plantation	0.4	60	--	--	1	2	2	-	5
Kalahandi	2013-14	Kharif,	Production technology	FLD on Pulse (Pigeon pea)	Pigeon Pea	ICPL-87-119	5.0	12	15	25	--	02	02	06	10
Kalahandi	2013-14	Late Kharif	Production technology	FLD on Pulse (Black gram)	Black gram	T-9	10.0	6.0	7.1	18.3	06	04	06	09	25
Kalahandi	2014	Rabi	Production technology	FLD on Oilseed (Sunflower)	Sunflower	Arjun	5.0	14.3	18	25.8	02	01	5	02	10
Demonstration under “PHAILIN” affected areas															
Kalahandi	2014	Rabi	Production technology	FLD on Pulse	Green gram	PDM-139	8.0	5.9	7.2	22	3	4	8	5	20

Kalahandi	2014	Rabi	Production technology	FLD on Mushroom	Oyster Mushroom production	Oyster (*Sajarkaju*)	500	2.5	2.0	25	12	18	11	9	50

3.3 Economic Impact of FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)	FP (T_1)	RP (T_2)
Kalahandi	Demonstration of HY Ragi Var. Bhairabi in unbunded upland	Ragi	Plant height (cm) Effective tiller/hill (no)	77.9 4.7	94.8 6.5	9000	10000	15690	21310	6690	11310	1.74	2.13
Kalahandi	Performance of HY Paddy Var. Ranidhan in medium land	Paddy	Height (cm) Effective tiller(no/hill)	88.2 11.8	94.7 16.1	21500	25000	38064	49428	16564	24428	1.77	1.98
Kalahandi	Demonstration on intercropping of maize with cowpea	Maize & Cowpea	Height (cm) Cob Weight (gm)	155.2 265	155.4 266	15000	15000	37500	43000	22500	28000	2.5	2.9

Kalahandi	Performance of Toria Var. Parvati in upland.	Toria	Height (cm) Siliqua/plant (no) Seeds/siliqua (no)	65.8 42 13	71.4 69 17	9500	11500	15750	36500	16250	25000	2.71	3.17
Kalahandi	Demonstration on Leaf Colour Chart in Kharif rice	Paddy	No of tiller	14	18	16,000	18,500	36,000	45,600	20,000	27,100	2.2	2.4
Kalahandi	Demonstration of Mg in cotton	Cotton	Red leaf (%)	25	3	27,000	31,000	64,000	80,000	37,000	49,000	2.3	2.5
Kalahandi	Demonstration on production of Earthworms	Earthworm	Duration (months)	2	2	3000	5000	11750	23000	8750	18,000	3.9	4.6
Kalahandi	Demonstration on gypsum application in sunflower	Sunflower	Oil Content	33	40	29,000	33,000	84,000	1,08,000	55,000	75,000	2.8	3.2
Kalahandi	Demonstration on Yam var. Orissa Elite	Yam	Vine length (Mt) No of tuber/ plant Tuber length (Cm) Girth (Cm)	1.9 2 30 28	2.1 4 45 35	79,000	85,000	3,24,000	4,14,000	2,45,000	3,29,000	4.1	4.8

Kalahandi	Demonstration on effective management of suckers in tissue culture Banana Var-G9	Banana	No of fruit/plant Bunch weight (Kg) Bunch length (Cm)	296 32 92	340 40 115	1,07,400	1,12,500	3,22,200	3,60,000	2,14,800	2,47,500	3.0	3.2
Kalahandi	Demonstration on marigold production round the year from unit area	Marigold	Plant height (cm) No of flower/plant	75 53	58 68	65,000	79,000	1,59,000	2,40,000	94,000	1,61,000	2.4	3.0
Kalahandi	Demonstration of Onion var. Bhima Shakti	Onion	No of leaves/plant Bulb size (cm) Bulb wt (gm)	8 3.9 40	12 5.4 78	95,000	1,05,000	2,12,000	2,80,000	1,17,000	1,75,000	2.2	2.6
Kalahandi	Demonstration of Rangini Lac in Palas trees	Rangini lac	Yield (kg/tree) Days to harvest (months)	--	7 8	--	200/- per tree	--	910/- per tree	--	710/- per tree	--	4.5
Kalahandi	Demonstration of Bamboo (*Bambusa vulgaris*) Plantation through binodal culm cutting method	Bamboo	Ht. of new culm (ft) No. of sprouts No. of new branch-	2.9 02 02	3.7 03 03	continuing							

Kalahandi	Demonstration of stylo grass as intercrop in Acacia mangium plantation (silvi-pasto model)	Stylo grass	Yield (q/ha) No. Of cuttings /year	--	6004	--	15,000	--	72,000	--	57,000	--	4.8
Kalahandi	Kusumi Lac culture in Baer trees	Kusumi Lac	Continuing										
Kalahandi	1. Line sowing of seeds 2. Seed treatment with Rhizobium culture 3. Application of NPK @20:40:20 kg/ha as basal application 4. Spraying Triazophous and planofix hormone	Pigeon pea	No. of pod/plant- No of grain/pod- Plant height (cm)-	1903 6	2804 6.5	22,500	25,000	60,000	75,000	37,500	50,000	2.6	3.0

Kalahandi	1.Line sowing of seeds 2.Seed treatment with Thiomethoxam culture 3.Application of @20:40:20 kg/ha as basal application 4. Spraying of Propfenophous & Planofix	Black gram	No.of pod/plant- No of grain/pod- Plant height (cm)-	173	263	10900	12,000	27,000	31,950	16,100	19,950	2.4	2.6
Kalahandi	1. Line sowing of Hybrid seeds 2. Application of NPK fertilizers @ 60:80:60 3. Spraying of Cabdendazizm and boron.	Sunflower	Oil content (%) Flower diameter (cm)	3315	4023	31,500	35,200	85,800	1,08,000	54,300	72,800	2.7	3.0

Kalahandi	1.Seed treatment with Thiomethoxam 2.Application of NPK @20:40:20 kg/ha as basal application 3.. Spraying of Chloropyriphos& Planofix	Green gram	No.of pod/plant- No of grain/pod-	324	406	12,000	10,900	29,500	36,000	18,600	24,000	2.7	3.0
Kalahandi	FLD on Mushroom	Oyster Mushroom production	--	--	--	38	45	300	375	262	330	8.1	8.3

3.4 Information about Home Science FLDs

KVK name	Year	Season	Thematic Area	Problem Identified	Technology to be Demonstrated as Solution to the Identified Problem	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/Technology/Entreprizes	Farming Situation	Proposed area (ha)	No. of Beneficiaries

3.5 Economic Performance Home Science FLDs:

KVK name	Technology to be Demonstrated	Performance Indicator / Parameter																					
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Kalahandi	Ragi	Training	1	25	--
Kalahandi	Paddy	Training , field day, media coverage	3	50	--
Kalahandi	Maize & Cowpea	Training , awareness campaign, media coverage (Television telecast)	3	50	--
Kalahandi	Toria	Training , field day, media coverage (Television telecast)	3	50	--
Kalahandi	Paddy	Training	1	25	--
Kalahandi	Cotton	Training, media coverage	2	25	--
Kalahandi	Earthworm	Training	1	25	--
Kalahandi	Sunflower	Training, media coverage	2	25	--
Kalahandi	Yam	Training, media coverage, field day	3	60	--
Kalahandi	Banana	Training, field day, media coverage	3	65	--
Kalahandi	Marigold	Training	1	25	--
Kalahandi	Onion	Training, media coverage	2	25	--

Kalahandi	Rangini lac	Training, field day	2	60	--
Kalahandi	Bamboo	Training	1	25	--
Kalahandi	Pigeon pea	Training , media coverage	2	25	--
Kalahandi	Black gram	Training	1	25	--
Kalahandi	Sunflower	Training	2	65	--

3.7 Details of FLD on crop hybrids.

S. No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.
1.	Kalahandi	Paddy	Ranidhan	Regional Research and Technology Transfer Station, Bhadrak, OUAT	5	1

4. Feedback System

4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested

4. Documentation of the need assessment conducted by the KVK for the training programme

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Kalahandi	F/FW- Seed bed preparation technique in rice cultivation	Diagnostic field visit and group discussion	18.04.2013, Kendupati , Junagarh	20
Kalahandi	Seed sowing, fertilizer and water management in Ragi	Group discussion and village survey	01.05.2013, Moulpada, Bhawanipatna	22
Kalahandi	Seed treatment, sowing and fertilizer management in	Focused group discussion with cotton growers	22.05.2013, Fatkamal, Kesinga	25

	Cotton			
Kalahandi	Fertilizer management in rice production	Focused group discussion with the villagers	18.04.2013, Kendupati , Junagarh	22
Kalahandi	Enhancement of soil fertility by green manuring in Cotton	Information collected from the cotton grower.	15.6.2013, Kanakpur, Bhawanipatna	21
Kalahandi	Integrated nutrient management in Maize production	Village survey and farmers meeting method	01.07.2013, Dumal, Bhawanipatna	19
Kalahandi	Cotton – Arhar intercropping management	Field visit and interaction with villagers	18.04.2013, Kendupati , Junagarh	18
Kalahandi	Water management in Maize	Focused group discussion with farmers	22.05.2013, Fatkamal, Kesinga	15
Kalahandi	Application of fertilizer management in Arhar cultivation	Group discussion and diagnostic field visit	05.9.2013, Bhangabari, Bhawanipatna	20
Kalahandi	Management YMV in Black gram	Focused group discussion with farmers	05.07.2013, Goudtola, Kesinga	19
Kalahandi	Integrated nutrient management in Mustard	Diagnostic field visit	25.09.2013, Dahal, Narla	20
Kalahandi	Intercropping management of maize with cowpea	Village survey and farmers meeting method	01.07.2013, Dumal, Bhawanipatna	20
Kalahandi	Crop management practices in Castor.	Diagnostic field visit and group discussion	28.10.2013, Bahadurpadar, Kesinga	25
Kalahandi	Management of top shoot and red rot in sugar cane.	Group discussion and diagnostic field visit	15.6.2013, Kanakpur, Bhawanipatna	22
Kalahandi	Use of straw and agricultural for vermicomposting and mushroom production	Diagnostic field visit and group discussion	22.05.2013, Fatkamal, Kesinga	22
Kalahandi	Water management in Ground nut	Group discussion and village survey	28.10.2013, Bahadurpadar, Kesinga	25
Kalahandi	Methods and principles of soil sampling for soil testing	Diagnostic field visit and group discussion	15.04.2013, Dumermunda, Lanjigarh	28
Kalahandi	Principles and methods of soil water conservation in rainfed area	Group discussion and diagnostic field visit	15.04.2013, Dumermunda, Lanjigarh	24

Kalahandi	Micronutrient deficiency in paddy and their remedies	Village survey and farmers meeting method	15.04.2013, Dumermunda, Lanjigarh	20
Kalahandi	Principles and methods of bio fertiliser use in Pigeon pea	Suggestion made in monthly meeting of KVK	15.04.2013, Dumermunda, Lanjigarh	20
Kalahandi	INM in paddy	Village survey and farmers meeting method	12.07.2013,Dahal, Narla	22
Kalahandi	Micronutrient deficiency in cotton and their remedies	Group discussion and diagnostic field visit	12.07.2013,Dahal, Narla	25
Kalahandi	Use of leaf colour chart in paddy	Village survey and farmers meeting method	12.07.2013,Dahal, Narla	28
Kalahandi	Insitu production of BGA and Azolla	Suggestion made in monthly meeting of KVK	01.08.2013, Dumal, Bhawanipatna	24
Kalahandi	Effect of sulphur on growth, yield and quality of onion	PRA survey & group discussion	12.07.2013,Dahal, Narla	20
Kalahandi	Principles and methods of bio fertiliser use in Ground nut	PRA survey & group discussion	01.8..2013, Dumal, Bhawanipatna	20
Kalahandi	Identification and remedies of sulphur deficiency in Tomato	Field visit and interaction with villagers	12.07.2013,Dahal, Narla	22
Kalahandi	Use of micronutrients in sunflower	Group discussion and survey method	12.07.2013,Dahal, Narla	25
Kalahandi	Management of pest and disease in paddy	Field visit and interaction with villagers	12.07.2013,Dahal, Narla	20
Kalahandi	Management of pest and disease in solaneceous vegetable crops	Group discussion and survey method	14.10.2013, Balrampur, Bhawanipatna	22
Kalahandi	Pest management in cruciferous vegetable crops	Field visit and interaction with villagers	13.11.2013, Dumal, Bhawanipatna	18
Kalahandi	Pest and disease management in onion	Group discussion and survey method	13.11.2013, Dumal, Bhawanipatna	20
Kalahandi	Use of bio fertilizers in Cauliflower	PRA survey & group discussion	14.10.2013, Balrampur, Bhawanipatna	28
Kalahandi	Organic waste recycling for production of vermicompost	Diagnostic field visit and group discussion	13.11.2013, Dumal, Bhawanipatna	24
Kalahandi	Use of micro nutrients and	Group discussion and village	13.11.2013, Dumal,	20

	bio- fertilizer in Okra	survey	Bhawanipatna	
Kalahandi	Management of fruit drop in mango through micronutrient application	PRA survey & group discussion	13.11.2013, Dumal, Bhawanipatna	20
Kalahandi	Training and Pruning in Ber	Focused group discussion	5.5.2013, Goudtola, Kesinga	15
Kalahandi	Selection of sucker, planting and fertilizer management in Banana	PRA survey & group discussion	15.05.2013, Damodarpur, Bhawanipatna	25
Kalahandi	Raising and management of vegetable nursery	Group discussion and survey method	15.05.2013, Damodarpur, Bhawanipatna	25
Kalahandi	Staggered planting of Marigold for year round production	PRA survey & group discussion	16.6.2013, Dumermunda, Lanjigarh	20
Kalahandi	.Treatment of tubers, planting and fertilizer management in yam	Diagnostic field visit and group discussion	15.05.2013, Damodarpur, Bhawanipatna	29
Kalahandi	Standardization of propagation technique in Drumstick	Group discussion and village survey	15.6.2013, Kanakpur, Bhawanipatna	28
Kalahandi	Integrated nutrient management in acid lime	Diagnostic field& group discussion	01.07.2013, Dumal, Bhawanipatna	25
Kalahandi	Shoot and fruit borer management in Brinjal	PRA survey & group discussion	15.6.2013, Kanakpur, Bhawanipatna	24
Kalahandi	Wilt management in tomato	PRA survey & group discussion	15.05.2013, Damodarpur, Bhawanipatna	22
Kalahandi	Nursery raising, transplanting and fertilizer management in Tomato	Group discussion and survey method	4.09.2013, Matia, Bhawanipatna	25
Kalahandi	Role of mulching on growth and yield of Brinjal	PRA survey & group discussion	10.9.2013, Sallepalli, Narla	20
Kalahandi	Transplanting and fertilizer management in Onion	Diagnostic field visit and group discussion	15.10.2013, Balbaspur, Narla	29
Kalahandi	Planting, mulching and fertilizer management in watermelon	Group discussion and village survey	10.9.2013, Sallepalli, Narla	20
Kalahandi	Nutritional gardening	Field visit and interaction with villagers	15.11.2013, Patharla, Kesinga	25

Kalahandi	Drip irrigation in fruit orchard	Group discussion and diagnostic field visit	15.11.2013, Patharla, Kesinga	22
Kalahandi	Rejuvenation of old and senile mango orchard	Diagnostic field visit and group discussion	11.1.2014, Madiguda, Bhawanipatna	25
Kalahandi	forest nursery Preparation for production of quality planting material	Group discussion and diagnostic field visit	5.04.2013, Dumal, Bhawanipatna	22
Kalahandi	Preparation of bamboo based agroforestry system	Field visit and interaction with villagers	5.5.2013, Goudtola, Kesinga	21
Kalahandi	Propagation techniques of forest species	Group discussion and diagnostic field visit	15.5.2013, Dahal, Kesinga	22
Kalahandi	Management of Horti-Pasto Agroforestry	Focused group discussion	5.5.2013, Goudtola, Kesinga	20
Kalahandi	Growing fast growing species for agroforestry	Focused group discussion	18.04.2013, Kendupati , Junagarh	20
Kalahandi	Growing nitrogen fixing tress for energy plantation	Diagnostic field visit and group discussion	5.04.2013, Dumal, Bhawanipatna	20
Kalahandi	.Cultural practices in silvi-horti agro forestry model	Group discussion and diagnostic field visit	18.04.2013, Kendupati , Junagarh	20
Kalahandi	Regeneration management of village forest	Diagnostic field visit and group discussion	18.04.2013, Kendupati , Junagarh	21
Kalahandi	Management of palas and ber tree for lac cultivation	Group discussion and diagnostic field visit	15.5.2013, Dahal, Kesinga	21
Kalahandi	Agro forestry management for teak plantation	Field visit and interaction with villagers	5.5.2013, Goudtola, Kesinga	25
Kalahandi	Economic Importance of forest tree	Diagnostic field visit and group discussion	08.05.2013, Dumal, Bhawanipatna	23
Kalahandi	Collection and processing of harida, bahada and neem	Group discussion and diagnostic field visit	15.5.2013, Dahal, Kesinga	252
Kalahandi	Plucking techniques of Kendu leaves	Field visit and interaction with villagers	15.5.2013, Dahal, Kesinga	22
Kalahandi	Forest trees for industry and their management	Field visit and interaction with villagers	15.06.2013, Kanakpur, Bhawanipatna	20
Kalahandi	Plantation of tree borne oilseeds in the homesteads OFC	Diagnostic field visit and group discussion	08.05.2013, Dumal, Bhawanipatna	21
Kalahandi	Agro forestry practices for	Group discussion and	15.06.2013, Kanakpur,	22

	soil conservation	diagnostic field visit	Bhawanipatna	
Kalahandi	RY- Seed production technology in Ground nut	Field visit and interaction with villagers	05.07.2013, Goudtola, Kesinga	20
Kalahandi	Recycling of farm debrises in rice based integrated farming system	Diagnostic field visit and group discussion	15.06.2013, Kanakpur, Bhawanipatna	20
Kalahandi	Organic farming for higher income and safer environment	Group discussion and diagnostic field visit	08.05.2013, Dumal, Bhawanipatna	20
Kalahandi	Vemiculture and vermicomposting technology	Diagnostic field visit and group discussion	08.05.2013, Dumal, Bhawanipatna	20
Kalahandi	Quality planting material production in Mango & Lime	Group discussion and diagnostic field visit	15.06.2013, Kashrupada, Kesinga	20
Kalahandi	Raising of nursery, planting and post planting management in Papaya	Diagnostic field visit and group discussion	20.7.2013, Kurlupada, Kesinga	22
Kalahandi	Rangini Lac culture in Palas and Ber trees	Formal discussion and diagnostic field visit	15.5.2013, Dahal, Kesinga	21
Kalahandi	Bamboo cultivation technology	Field visit and interaction with villagers	15.5.2013, Dahal, Kesinga	22
Kalahandi	Alternative source of income generation through mushroom production	Group discussion with the WSHG	10.05.2013, Dangariguda, Bhawanipatna	40
Kalahandi	Drudgery reduction by using small farm implements for farm women (bhindi plucker & maize sheller)	Group discussion with the WSHG	10.05.2013, Dangariguda, Bhawanipatna	40
Kalahandi	Income generating activities through profitable poultry rearing	Group discussion and diagnostic field visit	25.09.2013, Dahal, Narla	20
Kalahandi	Income generating activities through profitable duck rearing	Diagnostic field visit and group discussion	01.07.2013, Dumal, Bhawanipatna	25
Kalahandi	IS- Agri-silvi farming system for sustainability	Meeting with AAO, Kesinga	07.08.2013, Kesinga	20
Kalahandi	Integrated farming system for	Meeting with AAO, Kesinga	07.08.2013, Kesinga	20

	sustainable farming			
Kalahandi	Soil health management For sustainable agriculture	Formal discussion with officers of Assistant Agriculture Officer, Karlamunda	08.06.2013, Office of Assistant Agriculture Officer, Karlamunda	25
Kalahandi	Nutrient requirement of maize through “Nutrition Expert” software	Formal discussion with officers of Assistant Agriculture Officer, Karlamunda	08.06.2013, Office of Assistant Agriculture Officer, Karlamunda	25
Kalahandi	Preparation of value added products of Banana & Tomato	Discussion with DDH, Bhawanipatna	12.10.2013, Office of DDH, Kalahandi	20
Kalahandi	Canopy management in Mango & Guava	Discussion with DDH, Bhawanipatna	12.10.2013, Office of DDH, Kalahandi	20
Kalahandi	Identification and propagation techniques of different bamboo species	Group discussion with DFO, Kalahandi	20.6.2013, DFO (North range), Kalahandi	25
Kalahandi	Different Agro forestry models and its management	Group discussion with DFO, Kalahandi	20.6.2013, DFO (North range), Kalahandi	25
Kalahandi	PRA- Bottom -up planning	Formal discussion with agriculture department and leading NGOs of Kalahandi district in DAO Conference	30.05.2013, Office of DDA, Kalahandi	35
Kalahandi	Use of audio-visual aid for effective learning	Formal discussion with agriculture department and leading NGOs of Kalahandi district in DAO Conference	30.05.2013, Office of DDA, Kalahandi	35
Kalahandi	Documentation of success stories.	Formal discussion with agriculture department and leading NGOs of Kalahandi district in DAO Conference	30.05.2013, Office of DDA, Kalahandi	35
Kalahandi	Leadership development techniques	Formal discussion with agriculture department and leading NGOs of Kalahandi district in DAO Conference	30.05.2013, Office of DDA, Kalahandi	35
Kalahandi	Techniques for conducting demonstration	Formal discussion with agriculture department and leading NGOs of Kalahandi district in DAO Conference	30.05.2013, Office of DDA, Kalahandi	35

Kalahandi	Market led extension	Formal discussion with agriculture department and leading NGOs of Kalahandi district in DAO Conference	30.05.2013, Office of DDA, Kalahandi	35
Kalahandi	Group mobilization technique and formation of farmers organizations	Formal discussion with agriculture department and leading NGOs of Kalahandi district in DAO Conference	30.05.2013, Office of DDA, Kalahandi	35

Abbreviation Used

FW	(A) Farmers & Farm Women
RY	(B) Rural Youths
IS	(C) Extension Personnel
ONC	On Campus Training Programme
OFC	Off Campus Training Programme
M	Male
F	Female
T	Total
Thematic Areas for Training	
CRP	Crop Production
HOV	Horticulture – Vegetable Crops
HOF	Horticulture-Fruits
HOO	Horticulture- Ornamental Plants
HOP	Horticulture- Plantation crops
HOT	Horticulture- Tuber crops
HOS	Horticulture- Spices
HOM	Horticulture- Medicinal and Aromatic Plants
SFM	Soil Health and Fertility Management
LPM	Livestock Production and Management
WOE	Home Science/Women empowerment
AEG	Agril. Engineering
PLP	Plant Protection
FIS	Fisheries
PIS	Production of Inputs at site
CBD	Capacity Building and Group Dynamics
AGF	Agro-forestry
OTH	Others

RYH	Rural Youth
EXP	Extension Personnel

5. TRAINING PROGRAMMES

1. **Training programmes should be strictly covered under above mentioned thematic areas only,**
2. **For category, training type and thematic area, mention code/abbreviations only**

Table 5.1. Details of Training programmes conducted by the KVKs

Name of KVK	Cate -gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Kalahandi	F/ FW	OFC	CRP	Seed bed preparation technique in rice cultivation	1	1	18	--	1	--	2	--	4	--
Kalahandi	F/ FW	OFC	CRP	Seed sowing, fertilizer and water management in Ragi	1	1	--	--	4	--	--	--	21	--
Kalahandi	F/ FW	OFC	CRP	Seed treatment, sowing and fertilizer management in Cotton	1	1	5	--	1	--	1	--	18	--
Kalahandi	F/ FW	OFC	CRP	Fertilizer management in rice production	1	1	19	--	1	--	1	--	4	--
Kalahandi	F/ FW	OFC	CRP	Enhancement of soil fertility by green manuring in Cotton	1	1	--	--	--	--	7	--	18	--
Kalahandi	F/ FW	OFC	CRP	Integrated nutrient management in Maize production	1	1	4	--	1	--	6	--	14	--
Kalahandi	F/ FW	OFC	CRP	Cotton – Arhar intercropping management	1	1	12	--	5	--	1	--	7	--
Kalahandi	F/ FW	OFC	CRP	Water management in Maize	1	1	6	--	1		5	--	13	--
Kalahandi	F/ FW	ONC	CRP	Application of fertilizer management in Arhar cultivation	1	1	7	--	6	8	2	--	2	--

Name of KVK	Cate -gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Kalahandi	F/ FW	OFC	CRP	Management YMV in Black gram	1	1	20	--	2	--	1	--	2	--
Kalahandi	F/ FW	OFC	CRP	Integrated nutrient management in Mustard	1	1	14	--	6	--	5	--	--	--
Kalahandi	F/ FW	ONC	CRP	Intercropping management of maize with cowpea	1	1	16	--	4	--	2	--	3	--
Kalahandi	F/ FW	OFC	CRP	Crop management practices in Castor.	1	1	--	--	1	--	1	--	23	--
Kalahandi	F/ FW	OFC	CRP	Management of top shoot and red rot in sugar cane.	1	1	3	--	--	--	5	--	17	--
Kalahandi	F/ FW	OFC	CRP	Use of straw and agricultural for vermicomposting and mushroom production	1	1	4	--	19	--	2	--	--	--
Kalahandi	F/ FW	OFC	CRP	Water management in Ground nut	1	1	20	--	2	--	1	--	2	--
Kalahandi	F/ FW	OFC	SFM	Methods and principles of soil sampling for soil testing	1	1	11	02	6	2	2	2	1	-
Kalahandi	F/ FW	OFC	SFM	Principles and methods of soil water conservation in rainfed area	1	1	08	--	6	2	2	2	1	4
Kalahandi	F/ FW	OFC	SFM	Micronutrient deficiency in paddy and their remedies	1	1	10	--	4	3	3	2	1	2
Kalahandi	F/ FW	OFC	SFM	Principles and methods of bio fertiliser use in Pigeon pea	1	1	11	01	6	2	-	2	1	2
Kalahandi	F/	OFC	SFM	INM in paddy	1	1	08	03	-	2	2	4	5	1

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
	FW													
Kalahandi	F/ FW	OFC	SFM	Micronutrient deficiency in cotton and their remedies	1	1	12	03	1	2	2	2	1	2
Kalahandi	F/ FW	ONC	SFM	Use of leaf colour chart in paddy	1	1	10	03	5	2	2	2	1	-
Kalahandi	F/ FW	ONC	SFM	Insitu production of BGA and Azolla	1	1	12	03	1	2	2	2	1	2
Kalahandi	F/ FW	OFC	SFM	Effect of sulphur on growth, yield and quality of onion	1	1	11	02	6	2	2	2	1	-
Kalahandi	F/ FW	OFC	SFM	Principles and methods of bio fertiliser use in Ground nut	1	1	08	--	6	2	2	2	1	4
Kalahandi	F/ FW	OFC	SFM	Identification and remedies of sulphur deficiency in Tomato	1	1	10	--	4	3	3	2	1	2
Kalahandi	F/ FW	OFC	SFM	Use of micronutrients in sunflower	1	1	11	01	6	2	-	2	1	2
Kalahandi	F/ FW	OFC	SFM	Use of bio fertilizers in Cauliflower	1	1	08	03	-	2	2	4	5	1
Kalahandi	F/ FW	OFC	SFM	Organic waste recycling for production of vermicompost	1	1	12	03	1	2	2	2	1	2
Kalahandi	F/ FW	OFC	SFM	Use of micro nutrients and bio- fertilizer in Okra	1	1	10	03	5	2	2	2	1	-
Kalahandi	F/ FW	OFC	SFM	Management of fruit drop in mango through micronutrient application	1	1	12	03	1	2	2	2	1	2
Kalahandi	F/ FW	OFC	HOF	Training and Pruning in Ber	1	1	08	04	6	2	2	2	1	-

Name of KVK	Cate -gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Kalahandi	F/ FW	OFC	HOF	Selection of sucker, planting and fertilizer management in Banana	1	1	06	02	6	2	2	2	1	4
Kalahandi	F/ FW	ONC	HOV	Raising and management of vegetable nursery	1	1	09	03	6	2	-	2	1	2
Kalahandi	F/ FW	OFC	HOO	Staggered planting of Marigold for year round production	1	1	11	01	6	2	2	2	-	1
Kalahandi	F/ FW	NOC	HOT	.Treatment of tubers, planting and fertilizer management in yam	1	1	12	--	6	2	2	2	1	-
Kalahandi	F/ FW	OFC	HOV	Standardization of propagation technique in Drumstick	1	1	09	03	6	2	2	2	1	-
Kalahandi	F/ FW	OFC	HOF	Integrated nutrient management in acid lime	1	1	05	03	6	2	2	2	1	4
Kalahandi	F/ FW	OFC	HOV	Shoot and fruit borer management in Brinjal	1	1	07	05	6	2	2	2	-	1
Kalahandi	F/ FW	ONC	HOV	Wilt management in tomato	1	1	06	06	6	2	2	2	1	-
Kalahandi	F/ FW	ONC	HOV	Nursery raising, transplanting and fertilizer management in Tomato	1	1	11	01	6	2	2	2	1	-
Kalahandi	F/ FW	OFC	HOV	Role of mulching on growth and yield of Brinjal	1	1	07	05	6	2	-	2	1	2
Kalahandi	F/ FW	OFC	HOV	Transplanting and fertilizer management in Onion	1	1	15	02	1	2	-	2	1	2
Kalahandi	F/	OFC	HOF	Planting, mulching and	1	1	12	--	6	2	2	2	-	1

Name of KVK	Cate -gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
	FW			fertilizer management in watermelon										
Kalahandi	F/ FW	OFC	HOV	Nutritional gardening	1	1	07	05	06	02	02	02	01	--
Kalahandi	F/ FW	OFC	HOF	Drip irrigation in fruit orchard	1	1	05	01	02	05	02	05	03	2
Kalahandi	F/ FW	OFC	HOF	Rejuvenation of old and senile mango orchard	1	1	08	04	6	2	-	2	1	2
Kalahandi	F/ FW	ONC	PLP	Management of pest and disease in paddy	1	2	10	2	5	2	6	-	-	-
Kalahandi	F/ FW	ONC	PLP	Management of pest and disease in solaneceous vegetable crops	1	2	8	-	5	4	3	2	2	1
Kalahandi	F/ FW	ONC	PLP	Pest management in cruciferous vegetable crops	1	1	6	5	6	2	2	2	2	-
Kalahandi	F/ FW	ONC	PLP	Pest and disease management in onion	1	1	5	4	6	3	2	1	1	3
Kalahandi	F/ FW	OFC	AGF	forest nursery Preparation for production of quality planting material	1	1	12	--	6	2	2	2	1	-
Kalahandi	F/ FW	OFC	AGF	Preparation of bamboo based agroforestry system	1	1	09	03	6	2	2	2	1	-
Kalahandi	F/ FW	OFC	AGF	Propagation techniques of forest species	1	1	05	03	6	2	2	2	1	4
Kalahandi	F/ FW	ONC	AGF	Management of Horti-Pasto Agroforestry	1	1	07	05	6	2	-	2	1	2

Name of KVK	Cate -gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Kalahandi	F/ FW	OFC	AGF	Growing fast growing species for agroforestry	1	1	15	02	1	2	-	2	1	2
Kalahandi	F/ FW	OFC	AGF	Growing nitrogen fixing tress for energy plantation	1	1	12	--	6	2	2	2	-	1
Kalahandi	F/ FW	ONC	AGF	.Cultural practices in silvi-horti agro forestry model	1	1	07	05	06	02	02	02	01	--
Kalahandi	F/ FW	OFC	AGF	Regeneration management of village forest	1	1	05	01	02	05	02	05	03	2
Kalahandi	F/ FW	OFC	AGF	Management of palas and ber tree for lac cultivation	1	1	08	04	6	2	-	2	1	2
Kalahandi	F/ FW	ONC	AGF	Agro forestry management for teak plantation	1	1	12	--	6	2	2	2	1	-
Kalahandi	F/ FW	OFC	AGF	Economic Importance of forest tree	1	1	09	03	6	2	2	2	1	-
Kalahandi	F/ FW	OFC	AGF	Collection and processing of harida, bahada and neem	1	1	05	03	6	2	2	2	1	4
Kalahandi	F/ FW	OFC	AGF	Plucking techniques of Kendu leaves	1	1	07	05	6	2	-	2	1	2
Kalahandi	F/ FW	OFC	AGF	Forest trees for industry and their management	1	1	15	02	1	2	-	2	1	2
Kalahandi	F/ FW	OFC	AGF	Plantation of tree borne oilseeds in the homesteads OFC	1	1	12	--	6	2	2	2	-	1
Kalahandi	F/ FW	ONC	AGF	Agro forestry practices for soil conservation	1	1	07	05	06	02	02	02	01	--

Name of KVK	Cate -gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Kalahandi	RY	OFC	CRP	Seed production technology in Ground nut	1	2	02	--	05	02	03	--	02	01
Kalahandi	RY	OFC	CRP	Recycling of farm debrises in rice based integrated farming system	1	2	02	--	02	02	04	03	02	--
Kalahandi	RY	OFC	SFM	Organic farming for higher income and safer environment	1	2	02	--	05	02	04	--	02	--
Kalahandi	RY	OFC	SFM	Vemiculture and vermicomposting technology	1	2	05	02	02	03	01	02	--	--
Kalahandi	RY	OFC	HOF	Quality planting material production in Mango & Lime	1	2	--	--	04	02	02	03	02	02
Kalahandi	RY	OFC	HOV	Raising of nursery, planting and post planting management in Papaya	1	2	06	02	02	02	02		01	
Kalahandi	RY	OFC	AGF	Rangini Lac culture in Palas and Ber trees	1	2	02	--	02	02	04	03	02	--
Kalahandi	RY	OFC	AGF	Bamboo cultivation technology	1	2	02	--	05	02	04	--	02	--
Kalahandi	RY	OFC	WOE	Alternative source of income generation through mushroom production	1	2	05	02	02	03	01	02	--	--
Kalahandi	RY	OFC	WOE	Drudgery reduction by using small farm implements for farm women (bhindi plucker & maize sheller)	1	2	--	--	04	02	02	03	02	02

Name of KVK	Cate -gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Kalahandi	RY	OFC	OTH	Income generating activities through profitable poultry rearing	1	2	02	--	05	02	04	--	02	--
Kalahandi	RY	OFC	OTH	Income generating activities through profitable duck rearing	1	2	05	02	02	03	01	02	--	--
Kalahandi	IS	ONC	AGF	Agri-silvi farming system for sustainability	1	1	7	--	2	--	--	--	1	--
Kalahandi	IS	ONC	CRP	Integrated farming system for sustainable farming	1	2	4	--	3	--	1	--	2	--
Kalahandi	IS	ONC	SFM	Soil health management For sustainable agriculture	1	1	5	--	2	--	--	--	3	--
Kalahandi	IS	ONC	SFM	Nutrient requirement of maize through “Nutrition Expert” software	1	1	4	--	3	--	--	--	3	--
Kalahandi	IS	ONC	HO	Preparation of value added products of Banana & Tomato	1	2	5	2	2	--	1	--	--	--
Kalahandi	IS	ONC	HOF	Canopy management in Mango & Guava	1	2	3	--	2	2	1	1	1	--
Kalahandi	IS	ONC	AGF	Identification and propagation techniques of different bamboo species	1	2	4	1	2	2	--	--	1	--
Kalahandi	IS	ONC	AGF	Different Agro forestry models and its management	1	1	--	5	--	1	--	1	1	2

Name of KVK	Cate -gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
Kalahandi	IS	ONC	EXP	Use of audio-visual aid for effective learning	1	2	2	2	2	--	--	2	1	1
Kalahandi	IS	ONC	EXP	PRA- Bottom -up planning	1	2	2	--	2	2	--	2	--	2
Kalahandi	IS	ONC	EXP	Documentation of success stories.	1	1	3	--	2	2	--	--	1	2
Kalahandi	IS	ONC	EXP	Leadership development techniques	1	1	4	1	2	1	1	--	1	--
Kalahandi	IS	ONC	EXP	Techniques for conducting demonstration	1	1	2	--	2	3	--	1	1	1
Kalahandi	IS	ONC	EXP	Market led extension	1	1	5	--	2	--	--	2	1	--
Kalahandi	IS	ONC	EXP	Group mobilization technique and formation of farmers organizations	1	1	3	--	2	1	--	1	1	2

Table 5.2. Details of Vocational training programmes for Rural Youth conducted by the KVKs

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries							
					Gen		SC		ST		Others	
					M	F	M	F	M	F	M	F
Kalahandi												

Table 5.3. Details of training programme conducted for livelihood security in rural areas by the KVKs

Name of KVK	Training title	Self employed after training			Number of persons employed else where
		Type of units	Number of units	Number of persons employed	

Table 5.4. Sponsored Training Programmes

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Dura-tion (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Kalahandi	Training on improved POP of horticultural fruits	HOF	--	FW	03	10	5	--	9	--	6	--	5	--	ATMA, Chaibasa, Wes singhbhum	--
Kalahandi	Training on improved POP of horticultural vegetables	HOV		F/FW	04	10	6	--	8	--	5	--	6	--	ATMA, West Singhbhum	--

Table 5.5 Training Programmes for Panchayatiraj Institutions Office-bearers & members

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Dura-tion (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		

Table 5.6 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
			Before	After	Before	After	Before	After	
Kalahandi	Management YMV in Black gram	25	2	6	6.5	7.3	29250	32850	1. 500 ha 2. 400 3. 24
Kalahandi	Wilt management in tomato	25	3	6	220	300	1,76,000	2,40,000	1. 150 ha 2. 200 3. 36
Kalahandi	Nursery raising transplanting and nutrient management in onion	25	1	5	230	320	2,30,000	3,20,000	1. 200 ha 2. 2. 125 nos 3. 3. 39%

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topics	Crop Stages
				M	F	M	F	M	F			
Kalahandi	Field Day	06	5	108	12	86	10	12	20	--	--	--
Kalahandi	Kisan Mela	2	1	157	59	187	47	12	38	--	--	--
Kalahandi	Kisan Ghosthi	--	--	--	--	--	--	--	--	--	--	--
Kalahandi	Exhibition	2	2	250	59	241	100	52	30	--	--	--
Kalahandi	Film Show	10	10	231	57	149	63	20	10	--	--	--
Kalahandi	Method Demonstrations	10	10	48	-	37	-	12	8	--	--	--
Kalahandi	Farmers Seminar	--	--	--	--	--	--	--	--	--	--	--
Kalahandi	Workshop	1	1	5	15	9	21	8	5	--	--	--
Kalahandi	Group meetings	--	--	--	--	--	--	--	--	--	--	--
Kalahandi	Lectures delivered as resource persons	20	22	280	50	250	80	15	7	--	--	--
Kalahandi	Newspaper coverage	09	9	--	--	--	--	--	--	--	--	--
Kalahandi	Radio talks	04	4	--	--	--	--	--	--	--	--	--
Kalahandi	TV talks	08	8	--	--	--	--	--	--	--	--	--
Kalahandi	Popular articles	05	4	--	--	--	--	--	--	--	--	--
Kalahandi	Extension Literature	10	10	--	--	--	--	--	--	--	--	--
Kalahandi	Farm advisory Services	2	--	--	--	--	--	--	--	--	--	--
Kalahandi	Scientific visit to farmers field	300	310	281	98	339	120	--	--	--	--	--
Kalahandi	Farmers visit to KVK	500	453	180	58	152	63	--	--	--	--	--
Kalahandi	Diagnostic visits	15	30	124	24	96	32	40	15	--	--	--
Kalahandi	Exposure visits	--	--	--	--	--	--	--	--	--	--	--
Kalahandi	Ex-trainees Sammelan	2	2	24	8	12	6	8	4	--	--	--
Kalahandi	Soil health Camp	1	1	56	--	44	--	6	4	--	--	--
Kalahandi	Animal Health Camp	1	1	20	--	22	8	4	2	--	--	--
Kalahandi	Agri mobile clinic	--	--	--	--	--	--	--	--	--	--	--
Kalahandi	Soil test campaigns	1	--	--	--	--	--	--	--	--	--	--
Kalahandi	Farm Science Club conveners meet	1	1	11	--	9	--	3	2	--	--	--
Kalahandi	Self Help Group conveners meetings	2	2	--	22	--	18	4	4	--	--	--

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topics	Crop Stages
				M	F	M	F	M	F			
Kalahandi	Mahila Mandals conveners meetings	1	1	--	11	--	9	2	2	--	--	--
Kalahandi	Celebration of important days (World environment day)	5	5	95	22	105	28	15	10	--	--	--

7. Literature Developed/Published (with full title, author & reference)

7.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Kalahandi	10.06.2013	Apr-jun, 2013	500	450
Kalahandi	12.09.2013	Jul-Sep, 2013	500	450
Kalahandi	20.12.2013	Oct- Dec, 2013	500	450

7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Kalahandi	Bulletein	Year planner, 2013-14	Dr .R.K Tarai, Programme Coordinator, G.C Sahoo, G.R Sahoo, M.Jena, G.Prasad, T. Majhi	50
Kalahandi	Bulletein	Pocket booklet	Dr .R.K Tarai, Programme Coordinator, G.C Sahoo, G.R Sahoo, M.Jena, G.Prasad, T. Majhi	500
Kalahandi	Bulletein	KVK –at a Glance	Dr .R.K Tarai, Programme Coordinator, G.C Sahoo, G.R Sahoo, M.Jena, G.Prasad, T. Majhi	200
Kalahandi	Extension literature	Micro-nutrient deficiency in Cotton (Odia)	G.C Sahoo & Dr .R.K Tarai, Programme Coordinator,	1000
Kalahandi	Extension literature	Scientific production practices of Black gram (Odia)	M.Jena, Dr .R.K Tarai, , G.Prasad, P.Swain	1000
Kalahandi	Extension literature	Commercial Banana cultivation (Odia)	T. Majhi ,Dr .R.K Tarai, G.R Sahoo	1000
Kalahandi	Extension literature	Improved production practices of Exotic Lettuce	T. Majhi ,Dr .R.K Tarai, G.R Sahoo	200

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
	--	--	--

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Kalahandi	Cereal	Paddy	Lalat (F)	57.6	4,00,292/-	--	
Kalahandi	Cereal	Paddy	Pooja(F)	174.8	1,31,904/-	--	

8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Kalahandi	Vegetables	Tomato	Swarna Sampad ,Utkal Pragyan	5800	2900.00	15	
Kalahandi	Vegetables	Brinjal	Sandhya, VNR-212	5900	2950.00	10	
Kalahandi	Vegetables	Chilli	VNR-315	1000	500.00	10	
Kalahandi	Vegetables	Cabbage	Krishna	2175	1305.00	30	
Kalahandi	Vegetables	Cauliflower	Megha, Kohinoor	3675	2205.00	35	
Kalahandi	Vegetables	Papaya seedling	FS-1	70	1050.00	15	
Kalahandi	Ornamental	Marigold seedlings	Ceracole	29700	13950.00	30	
Kalahandi	Sapling	Teak	--	2090	12540.00	25	
Kalahandi	Sapling	Australian Teak	--	1000	5000.00	15	
	Seedling distribution under "PHAILIN" affected areas						
Kalahandi	Vegetables	Tomato	Swarna Sampad	4000	2000.00	10	

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Kalahandi	Vegetables	Brinjal	Sandhya, Arka Neelakantha	10000	5000.00	15	
Kalahandi	Vegetables	Chilli	Arka Suphala	4000	2000.00	10	
Kalahandi	Vegetables	Cabbage	Krishna, Zenith	5000	3000.00	10	
Kalahandi	Vegetables	Cauliflower	Megha, Whistler	5000	3000.00	10	

8.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.) * Name of product should follow same pattern and spelled correct

KVK Name	Major Group Bio agent/ Bio fertilizers/Bio Pesticides	Name of the Product	Qty (In Kg)	Qty (In No)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Kalahandi	Bio Agents	--	--	--	--	--	--
Kalahandi	Bio Agents	--	--	--	--	--	--
Kalahandi	Bio Fertilizer	Earthworm	25	--	12500	20	--
Kalahandi	Bio Fertilizer	Vermicompost	3000	--	15000	30	--
Kalahandi	Mushroom	Paddy & Oyster Mushroom	113	--	9940	90	--
Kalahandi	Mushroom Spawn Bottle	(Paddy straw & oyster)Spawn Bottle	400	--	6000	50	--

8.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Breed	Type of Produce	Qty. (kg/qt./litre)	Value (Rs.)	No. of Beneficiaries
Kalahandi	**Poultry chick**	**Vanaraja**	**Chick**	**352**	**15840**	**50**
Kalahandi	**Fingerlings**	**--**	**--**	**400000**	**2000**	**07**

9. Activities of Soil and Water Testing Laboratory

9.1 Details of soil samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Soil report distributed to the farmers (Nos)
Kalahandi	Functioning	` March, 2005	Village survey	646	550	100	--	--

Kalahandi	--	--	Soil health camp	105	105	3	--	105

9.2 Details of water samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Water report distributed to the farmers (Nos)
Kalahandi	Functioning	` March, 2005	Village survey	13	13	10	--	--

10. Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	Client (PF/RY/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
					Male	Female	Total	Male	Female	Total

11. Utilization of Farmers Hostel facilities

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)	Accommodation available (No. of beds)
Kalahandi	April	2013-14	Training on improved POP of horticultural fruits	03	25	03	--	25
Kalahandi	December	2013-14	Training on improved POP of horticultural vegetables	04	25	04	--	25

12. Utilization of Staff Quarters facilities

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Kalahandi	2011	2012	02	--	--

13. **Details of SAC Meeting**

KVK Name	Date of SAC	No. of SAC	Major recommendations

	meeting	members attended	
Kalahandi	**27.07.2013**	**45**	1. Promotion of crop diversification with pulse, oilseed and vegetables in upland 2. Introduction of tuber crop i.e yam, colocasia and sweet popato as intercrop in forest plantation and fruit orchards. 3. Popularization of low cost onion storage structure. 4. Emphasis should be given on animal health training involving the line department. 5. Focus should be made on fodder cultivation for milch cows. 6. Focus on in-situ mulching to conserve soil moisture 7. Introduction of export oriented non-Basumati rice 8. Successful demonstrations should be transferred to the line department

14. **Status of Kisan Mobile Advisory (KVK-KMA)**

KVK Name	No. of messages sent	No. of beneficiary		Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
		Farmers	Ext. Pers.		
Kalahandi	85	1026	43	--	Weather forecasting, INM, IPM, IWM, Awareness, appropriate varieties of crops and vegetables for the district

15. Status of Convergence with various agricultural schemes (Central & State sponsored)

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Kalahandi	**Bringing Green Revolution in Eastern India (BGREI)**	**State**	**--**	**Technical guidance (Paddy cultivation) and Monitoring the activities under BGERI**	**All the blocks of Kalahandi District**	**--**

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Kalahandi	31944687691	Rs.82563/-	Rs.1,35,477/-	Rs.1,35,477/-

17. Awards & Recognitions

KVK Name	Name of award	Type of award	Awarding Organizations	Amount received

	/awardee	(Ind./Group/Inst./Farmer)		
Kalahandi	Indubhusan Swain	OUAT Foundation Day , Bhubaneswar	OUAT	--
Kalahandi	Krishi Vigyan Kendra, Kalahandi	Farmers' Fair cum Exhibition, Directorate of Extension Education OUAT, BBSR	Directorate of Extension Education OUAT, BBSR	--

18. Details of KVK Agro-technological Park .

a) Have you prepared layout plan, where sent?

S .No.	Name of KVK	Technology park proposal developed(yes/no)	If yes, where sent ? (ZPD/DES/any other, pl. sp.)

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
	Crop Cafeteria	
	Technology Desk	
	Visitors Gallery	
	Technology Exhibition	
	Technology Gate-Valve	

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria

19. Farm Innovators- list of 10 Farm Innovators from the District

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1.	Kalahandi	Durga Charan Pradhan	Cotton Ridger	At- Bangalipada, Po- Kikia, Via- Utkela, Block- Kesinga, Dist- Kalahandi Mobile no- 91-9583474582
2.	Kalahandi	Indubhusan Swain	Banana cultivation	At/Po-Boria Via- Utkela, Block- Kesinga, Dist- Kalahandi Mobile no- 91-9938090828
3.	Kalahandi	Ghanashyam Verma	Agro-forestry model	Village-Jurkabadi, Block- Kesinga Mobile no-91-9938514100
4.	Kalahandi	Prahallad Budhia	Integrated farming system	Village- Kanakpur,Block- Bhawaniatna Mobile no- 8018698722 / 7894581168
5.	Kalahandi	Ajit Pradhan	Hybrid Paddy	Village-Dahal, Po-Kandel, Block- Narla Mobile no- 91-9777870404

6.	Kalahandi	Janmenjaya Mahapatra	Pond based farming system	Village-Durduri, Block- Bhawanipatna Mobile no- 91-9777870404
7.	Kalahandi	Murali Budhia	Integrated Farming system	Village- Kanakpur,Block- Bhawaniatna Mobile no- 91-7894581168
8.	Kalahandi	Kesab Chandra Bhoi	Hybrid sunflower production	At/Po-Kashrupada, Block- Kesinga Mobile no- 91-7894581168
9.	Kalahandi	Ahalya Sahu	Mushroom Production	Village- Malgaon Block- Bhwanipatna Mobile no- 91-9777463293
10.	Kalahandi	Ashok Kumar Pattnaik	Poultry farming	Village- Ghantabahali, Block- Junagarh Mobile no- 91-9439120060

20. KVK interaction with progressive farmers

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
1.	October, 2013	25
2.	February, 2014	25

21. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Kalahandi	7	12	30	120

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

22. Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize, if applicable.

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt

23. KVK Ring

Sl. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
Kalahandi	KVK, Nuapada	Resource sharing, Knowledge sharing, Distribution of technical material (News letter, Extension literature)	Easy transfer of regional technology to nearby districts.
Kalahandi	KVK, Bolangir	Resource sharing, Knowledge sharing, Distribution of technical material (News letter, Extension literature)	Easy transfer of regional technology to nearby districts.

24. **Important visitors to KVK**

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Kalahandi	Dr. Manoranjaj Kar, Hon'ble Vice-chancellor, OUAT, Bhubaneswar	30.07.2013	--	SAU	--	--
Kalahandi	Dr. S.S Nanda, Dean, Directorate of Extension Education, OUAT, Bhubaneswar	06.02.2014	--	SAU	--	--
Kalahandi	Dr. B.K Upadhaya, Hon'ble Collector & District Magistrate, Kalahandi	30.07.2013	--	--	Collector & District Magistrate, Kalahandi	--
Kalahandi	Mr. A.K. Nayak, Addl. District Magistrate, Kalahandi	31.01.2014	--	--	Addl. District Magistrate, Kalahandi	--
Kalahandi	Mr.C.Gadnayak, Project Director, DRDA, Kalahandi	06.02.2014	--	--	Project Director, DRDA, Kalahandi	--
Kalahandi	Dr. R.S Pan, Principal Scientist (Horticulture), ICAR research Complex for Eastern region Research Centre, Ranchi	14.08.2014	ICAR	--	--	--
Kalahandi	Dr S.C Panwar, Programme Director, NHB, Bhubaneswar	14.09.2013	--	--	Programme Director, NHB, Bhubaneswar	--
Kalahandi	Prof. K.D Verma, Former Proff & Head, Deptt of Mycology & Plant Pathology, YSPUHF, Solan, HP	14.09.2013	--	SAU	--	--
Kalahandi	Dr. R.K Paikaray, Professor (Agronomy), Department of Agronomy, College of Agriculture, OUAT, Bhubaneswar	06.02.2014	--	SAU	Project Director, DRDA, Kalahandi	--
Kalahandi	Dr. C.R Satapathy, Professor (Entomology) & Principal Investigator, AICRP on Honey Bee & Pollinators, OUAT, Bhubaneswar	06.02.2014	--	SAU	--	--
Kalahandi	Dr. K.B Mohapatra, AICRP on Mushroom, OUAT, Bhubaneswar	06.02.2014	--	SAU	--	--
Kalahandi	Mr. D.Pandey, APD (Admn), DRDA, Kalahandi	09.10.2013	--	--	DRDA, Kalahandi	--
Kalahandi	Mr. N.L Sahoo, DDM, NABARD	05.10.2013	--	--	DDM, NABARD	--
Kalahandi	Mr.E. Nandi, Technical Executive (Organic Farming) Bhubaneswar	28.09.2013	--	--	Technical Executive (Organic Farming) Bhubaneswar	--
Kalahandi	Ajit Kumar Singh, Project Director, ATMA, Chaibasa, West Singhbhun, Jharkhand	09.04.2013	--	--	ATMA (Jharkhand)	--

Project Director, DRDA, Kalahandi

25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
	Kalahandi	**www.kvkkalahandizpdvii.org**	**03**	**--**

26. E-CONNECTIVITY

Name of KVK	Number and Date of Lecture delivered from KVK Hub				No. of lectors organized by KVK	Brief achievements	Remarks
	Date	No. of Staff attended	No. of call received from Hub	No. of Call mate to Hub by KVK			
Kalahandi	--	--	--	--	--	--	--

27. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
	Kalahandi	01	01	--

28. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
	Kalahandi	--	--	--

29. Attended HRD Programmes organized by ZPD

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Kalahandi	Dr.Ranjan.Kumar Tarai	Programme Coordinator	03	--
	Total	**01**	**03**	

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)
Kalahandi	Dr.R.K Tarai, Programme Coordinator	03

30. Attended HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Kalahandi	Dr.Ranjan.Kumar Tarai	Programme Coordinator	04	--
Kalahandi	Gyana.Ranjan Sahoo	Subject Matter Specialist (Forestry)	01	--
Kalahandi	Madhumita Jena	Subject Matter Specialist (Extension)	01	--
Kalahandi	Ganesh.Prasad,	Subject Matter Specialist (Agronomy)	01	--
Kalahandi	Tualsi Majhi	Subject Matter Specialist (Horticulture)	02	--

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)

Kalahandi	05	09

31. Attended HRD Programmes by KVK Staff (Refresher course, Short course, Training programme etc.)

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Remarks
Kalahandi	Madhumita Jena	Subject Matter Specialist (Extension)	02	--
Kalahandi	Ganesh Prasad	Subject Matter Specialist (Agronomy)	01	--

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Kalahandi	02	03

32. Agri alert report (Epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)

Name of KVK	Alert observed	Particulars	Reported to organization

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Kalahandi	Farmer –Scientist Interaction	01	50	Onion
Kalahandi	Animal Health Camp	01	50	Livestock (Vaccination)
Kalahandi	Soil Test Campaign	01	50	Soil related
Kalahandi	Video show	01	50	Lac cultivation, Off season vegetable cultivation
Kalahandi	Awareness Campaign	01	50	Crop

34. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No. of participants

Animal health camps organized

Name of KVK	Number of camps	No.of animals	No.of farmers

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers

Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
Seedlings				
Kalahandi				
Kalahandi				
Kalahandi				
Kalahandi				
Kalahandi				
Kalahandi				

Bio-control Agents

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers

Bio-Fertilizer

Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of Area (ha)	No. of farmers

Verms Produced

Name of KVK	Verms Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers

Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and list of resource conservation technologies introduced	Area (ha)	Number of farmers

Awareness campaign

Name of KVK	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers

35. Proposal of NICRA

1. **Technologies to be Demonstrated**

Name of Technology	Name of Crop	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted

2**. Proposed Extension Activities in NICRA Village**

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total

3. **Proposed Training Activities in NICRA Village**

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total

4**. Proposed Activities for Fodder Bank**

Established (Years)	Capacity	Current Status

5. **Proposed Activities for Seed Bank**

Established (Years)	Capacity	Current Status

6. **Public Representative/District Administration Visited in NICRA Village**

Name of Representative/Officer	Designation	Date of Visit	Any Special Remark by Visitors
1			

7. Feedback of Farmers for future improvement, if any.

36. Proposed works under NAIP (in NAIP monitoring format)

37. Case study / Success Story to be developed – Two best only in the following format

Tomato cultivation for Higher Profitability

Name of the farmer: Murali Budhia

At- Kanakpur

Block: Bhawanipatna

Dist: Kalahandi (Odisha)

Background Information

Village Kanakpur of Bhawanipatna block of Kalahandi district is just 8 km away from Bhawanipatna town. Agriculture is a primary source of income for the farming community of Kanakpur village. The farmer having 1.6 ha of cultivated land where primary source of income was agriculture and horticulture particularly from commodities like paddy and vegetable. Vegetable is massively cultivated in this village and farmers are very enthusiastic to cultivate seasonal vegetables due to high marketing potential. During an interactive session scientist came to know that due to conventional method of practice and use of degenerated and locally available seeds farmer could not obtain the expected yield.

Keeping all this point into consideration a varietal evaluation on Tomato "Var- Swarna Sampad" which has been procured from ICAR Research complex for eastern region,Jharkhand having Maximum potential yield of 1000q/ha was conducted at farmer's field.

Details of technology:

- Spacing 60*45cm
- Treatment of seedling (Dipping the seedling in Bavistin solution for 15 minutes)
- Application of N:P:K@ 50:20:30 per acre
- Application of Micronutrient Multiplex@ 3ml/lit
- Protection measure as needed

Following all the recommended package of practices and protection measure, the farmer could able to get a productivity of 62q/ha from 0.08ha of land. The cost of cultivation per ha of the crop was Rs.1,02,000/-while the gross return was Rs.4,62,000/-having a Benefit cost ratio of 4.5

Dissemination of technology:

- Capacity building through Training
- Diagnostic visit of KVK Scientist time to time
- Exposure visit made by WSHG and farming community
- Method demonstration showcasing all the package of practices
- Distribution of extension literature on management practices of Tomato

Seeing the potential yield of the crop this variety has been very much appreciated by the farmers of the region. Now days farmers are more eager to attain the high yielding varieties of vegetables and to follow scientific package of practices which results higher yield.

Name of the KVK, **TITLE, Introduction,** KVK intervention, Output, Outcome, Impact

Sl. no.	Name of KVK	No. of success stories	No. of case studies
1	Kalahandi	01	--

38. Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem) –